

Module 4 - Strain Applications

ME3023 - Measurements in Mechanical Systems

Mechanical Engineering

Tennessee Technological University

Topic 1 - Principle Stress and Strain

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- Euler Beams
- Force-Deflection Model
- Strain Applications
- Example: Mass from strain

Euler Beams

Text: Theory and Design of Mechanical Measurements

Force-Deflection Model

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Strain Applications

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Example: Mass from strain